

ABSTRACT

There is explained a back light unit and a liquid crystal display using the same for improving brightness characteristic and difference of the color sense of a liquid crystal display having a direct-below-type back light. The back light unit and the liquid crystal display using the same according to an embodiment of the present invention includes a back light unit having a lamp housing, a plurality of lamps respectively having a first electrode and a second electrode and arranged in the lamp housing so that the first electrode and the second electrode are alternately disposed in one side of the lamp housing, a diffusion plate disposed on the lamp housing, and an optical sheet disposed on the diffusion plate; and a liquid crystal panel disposed on the back light unit having a plurality of liquid crystal cells arranged in a matrix form to thereby increase the brightness and minimize right/left difference of the color sense and improve picture quality.

DC:50241638.1